

EAST Search History

EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|-------|---|--------------------------------|------------------|---------|---------------------|
| S1 | 38585 | (physical vapor deposition) or pvd | US-PGPUB; USPAT; IBM_TDB | ADJ | OFF | 2008/01/04 09:20 |
| S2 | 12598 | ((physical vapor deposition) or pvd) and (imager or LED or laser) | US-PGPUB; USPAT; IBM_TDB | ADJ | OFF | 2008/01/04 09:20 |
| S3 | 7557 | ((physical vapor deposition) or pvd) and (imager or LED or laser) and rate | US-PGPUB; USPAT; IBM_TDB | ADJ | OFF | 2008/01/04 09:25 |
| S4 | 39485 | ((physical vapor deposition) or pvd or (vacuum vapor deposition) or vvd or sputter or sputtering) and (imager or LED or laser) and rate | US-PGPUB; USPAT; IBM_TDB | ADJ | OFF | 2008/01/04 09:27 |
| S5 | 36632 | S4 and (aluminum or al) | US-PGPUB; USPAT; IBM_TDB | ADJ | OFF | 2008/01/04 09:26 |
| S6 | 7183 | ((physical vapor deposition) or pvd or (vacuum vapor deposition) or vvd or sputter or sputtering) and (imager or LED or laser) and rate and ("438"/\$).ccls. | US-PGPUB; USPAT; IBM_TDB | ADJ | OFF | 2008/01/04 09:28 |
| S7 | 3559 | ((physical vapor deposition) or pvd or (vacuum vapor deposition) or vvd or sputter or sputtering) and (imager or LED or laser) and rate and ("438"/\$).ccls. and @pd<"20040222" | US-PGPUB; USPAT; IBM_TDB | ADJ | OFF | 2008/01/04 09:34 |
| S8 | 133 | S7 and ((sputter\$3 near3 rate) or (arrival near2 rate) or (deposit near3 rate)) | US-PGPUB; USPAT; IBM_TDB | ADJ | OFF | 2008/01/04 09:32 |
| S9 | 3559 | ((physical vapor deposition) or pvd or (vacuum vapor deposition) or vvd or sputter or sputtering) and (imager or LED or laser) and rate and ("438"/\$).ccls. and @pd<"20040222" | US-PGPUB; USPAT; IBM_TDB | ADJ | OFF | 2008/01/04 10:01 |

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| S10 | 9687 | ((physical vapor deposition) or pvd or (vacuum vapor deposition) or vvd or sputter or sputtering) and roughness and @pd<"20040222" | US-PGPUB; USPAT; IBM_TDB | ADJ | OFF | 2008/01/04 15:22 |
| S11 | 7788 | ((physical vapor deposition) or pvd or (vacuum vapor deposition) or vvd or sputter or sputtering) and (roughness near2 surface) and @pd<"20040222" | US-PGPUB; USPAT; IBM_TDB | ADJ | OFF | 2008/01/04 10:10 |
| S12 | 4 | "2004111616".pn. | JPO; DERWENT | ADJ | OFF | 2008/01/04 10:13 |
| S13 | 1 | "6017226".pn. | JPO; DERWENT | ADJ | OFF | 2008/01/04 10:13 |
| S14 | 2 | "06017226".pn. | JPO; DERWENT | ADJ | OFF | 2008/01/04 10:16 |
| S15 | 2 | "07243027".pn. | JPO; DERWENT | ADJ | OFF | 2008/01/04 10:18 |
| S16 | 3 | "2003209286".pn. | JPO; DERWENT | ADJ | OFF | 2008/01/04 10:22 |
| S17 | 4 | "2004079750".pn. | JPO; DERWENT | ADJ | OFF | 2008/01/04 10:25 |
| S18 | 4 | "2004071675".pn. | JPO; DERWENT | ADJ | OFF | 2008/01/04 10:28 |
| S19 | 4 | "2005039194".pn. | JPO; DERWENT | ADJ | OFF | 2008/01/04 10:32 |
| S20 | 2 | "09293904".pn. | JPO; DERWENT | ADJ | OFF | 2008/01/04 10:33 |
| S21 | 1 | "6777720".pn. | US-PGPUB; USPAT | ADJ | OFF | 2008/01/04 10:36 |
| S22 | 3 | "2002232017".pn. | JPO; DERWENT | ADJ | OFF | 2008/01/04 10:37 |
| S23 | 176 | (silicon near2 substrate) and (LED with package) and @pd<"20040222" | US-PGPUB; USPAT; IBM_TDB | ADJ | OFF | 2008/01/04 15:30 |
| S25 | 855 | ("257"/\$.ccls. or "438"/\$.ccls.) and (LED) and (power with (w or watt)) and @pd<"20040222" | US-PGPUB; USPAT; IBM_TDB | ADJ | OFF | 2008/01/04 15:32 |
| S26 | 48 | ("257"/\$.ccls. or "438"/\$.ccls.) and (LED.clm.) and (power with (w or watt)) and @pd<"20040222" | US-PGPUB; USPAT; IBM_TDB | ADJ | OFF | 2008/01/04 15:32 |
| S27 | 2147 | 257/99,e33.056.ccls. | US-PGPUB; USPAT; IBM_TDB | ADJ | OFF | 2008/01/04 16:32 |

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| S28 | 292 | (amoh-teruo or ishidu-sadamu or higaki-kenjiro or tsuzuki-yasushi or fukuda-hiroshi).inv. | US-PGPUB; USPAT; IBM_TDB | ADJ | OFF | 2008/01/04 16:33 |
| S29 | 5335 | (SUMITOMO ELECTRIC INDUSTRIES).as. | US-PGPUB; USPAT; IBM_TDB | ADJ | OFF | 2008/01/04 16:34 |
| S30 | 576 | S29 and packag\$3 | US-PGPUB; USPAT; IBM_TDB | ADJ | OFF | 2008/01/04 16:34 |
| S31 | 35 | S28 and packag\$3 | US-PGPUB; USPAT; IBM_TDB | ADJ | OFF | 2008/01/04 16:34 |
| S32 | 595 | S30 or S31 | US-PGPUB; USPAT; IBM_TDB | ADJ | OFF | 2008/01/04 16:35 |
| S33 | 103288 | ra | US-PGPUB; USPAT; IBM_TDB | ADJ | ON | 2008/12/11 14:36 |
| S34 | 1232104 | substrate or wafer | US-PGPUB; USPAT; IBM_TDB | ADJ | ON | 2008/12/11 14:36 |
| S35 | 5036 | S33 with S34 | US-PGPUB; USPAT; IBM_TDB | ADJ | ON | 2008/12/11 14:37 |
| S36 | 5036 | S33 with S34 | US-PGPUB; USPAT; IBM_TDB | ADJ | OFF | 2008/12/11 14:41 |
| S37 | 69602 | ra | US-PGPUB; USPAT; IBM_TDB | ADJ | OFF | 2008/12/11 14:41 |
| S38 | 3853 | S34 with S37 | US-PGPUB; USPAT; IBM_TDB | ADJ | OFF | 2008/12/11 14:41 |
| S39 | 3 | ("20050067636" or "20050167679" or "20020171087").pn. | US-PGPUB; USPAT; IBM_TDB | ADJ | ON | 2009/07/11 11:06 |
| S40 | 3 | "2003258360".pn. | EPO; JPO; DERWENT | ADJ | ON | 2009/07/11 11:08 |
| S41 | 3 | "2002368020".pn. | EPO; JPO; DERWENT | ADJ | ON | 2009/07/11 11:11 |
| S42 | 4 | "1605523".pn. | EPO; JPO; DERWENT | ADJ | ON | 2009/07/11 11:14 |
| S43 | 0 | "16055243".pn. | EPO; JPO; DERWENT | ADJ | ON | 2009/07/11 11:19 |
| S44 | 5 | "1605524".pn. | EPO; JPO; DERWENT | ADJ | ON | 2009/07/11 11:19 |

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| S45 | 11 | (US-20040026708-\$ or US-20040004435-\$ or US-20050167679-\$ or US-20020171087-\$ or US-20050067636-\$).did. or (US-6689498-\$).did. or (JP-2003209286-\$ or JP-2003258360-\$ or JP-2002368020-\$).did. or (WO-2004082034-\$ or WO-2004084319-\$).did. | US-PGPUB; USPAT; JPO; DERWENT | ADJ | ON | 2009/07/11 11:20 |
| S46 | 0 | "7335925.pn" | US-PGPUB; USPAT; IBM_TDB | ADJ | ON | 2009/07/11 11:21 |
| S47 | 0 | "7335925.pn" | US-PGPUB; USPAT; IBM_TDB | ADJ | ON | 2009/07/11 11:22 |
| S48 | 0 | "7335925.pn." | US-PGPUB; USPAT; IBM_TDB | ADJ | ON | 2009/07/11 11:22 |
| S49 | 1 | "7335925".pn. | US-PGPUB; USPAT; IBM_TDB | ADJ | ON | 2009/07/11 11:22 |
| S50 | 1 | "7518155".pn. | US-PGPUB; USPAT; IBM_TDB | ADJ | ON | 2009/07/11 11:22 |
| S51 | 15 | (US-20040026708-\$ or US-20040004435-\$ or US-20050167679-\$ or US-20020171087-\$ or US-20050067636-\$).did. or (US-6689498-\$ or US-7335925-\$ or US-7518155-\$).did. or (EP-1605524-\$ or EP-1605523-\$).did. or (JP-2003209286-\$ or JP-2003258360-\$ or JP-2002368020-\$).did. or (WO-2004082034-\$ or WO-2004084319-\$).did. | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/07/11 11:23 |
| S52 | 13 | (US-20040026708-\$ or US-20040004435-\$ or US-20050167679-\$ or US-20020171087-\$ or US-20050067636-\$).did. or (US-6689498-\$ or US-7335925-\$ or US-7518155-\$).did. or (EP-1605524-\$ or EP-1605523-\$).did. or (JP-2003209286-\$ or JP-2003258360-\$ or JP-2002368020-\$).did. | US-PGPUB; USPAT; EPO; JPO | ADJ | ON | 2009/07/11 15:29 |

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| S53 | 8 | S52 and (aluminum or Al) | US-PGPUB; USPAT; IBM_TDB | ADJ | ON | 2009/07/11 15:29 |
| S54 | 13 | (US-20040026708-\$ or US-20040004435-\$ or US-20050167679-\$ or US-20020171087-\$ or US-20050067636-\$).did. or (US-6689498-\$ or US-7335925-\$ or US-7518155-\$).did. or (EP-1605524-\$ or EP-1605523-\$).did. or (JP-2003209286-\$ or JP-2003258360-\$ or JP-2002368020-\$).did. | US-PGPUB; USPAT; EPO; JPO | ADJ | ON | 2010/08/13 13:25 |
| S55 | 8 | S54 and (gold or Au) | US-PGPUB; USPAT; IBM_TDB | ADJ | ON | 2010/08/13 13:26 |
| S56 | 13 | (US-20040026708-\$ or US-20040004435-\$ or US-20050167679-\$ or US-20020171087-\$ or US-20050067636-\$).did. or (US-6689498-\$ or US-7335925-\$ or US-7518155-\$).did. or (EP-1605524-\$ or EP-1605523-\$).did. or (JP-2003209286-\$ or JP-2003258360-\$ or JP-2002368020-\$).did. | US-PGPUB; USPAT; EPO; JPO | ADJ | ON | 2010/12/06 09:57 |
| S57 | 1005250 | ag or silver | US-PGPUB; USPAT; EPO; JPO | ADJ | ON | 2010/12/06 15:51 |
| S58 | 13 | (US-20040026708-\$ or US-20040004435-\$ or US-20050167679-\$ or US-20020171087-\$ or US-20050067636-\$).did. or (US-6689498-\$ or US-7335925-\$ or US-7518155-\$).did. or (EP-1605524-\$ or EP-1605523-\$).did. or (JP-2003209286-\$ or JP-2003258360-\$ or JP-2002368020-\$).did. | US-PGPUB; USPAT; EPO; JPO | ADJ | ON | 2010/12/06 15:52 |
| S59 | 7 | S57 and S58 | US-PGPUB; USPAT; IBM_TDB | ADJ | ON | 2010/12/06 15:52 |

EAST Search History (Interference)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
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| L4 | 182 | ((average roughness) and (particle diameter)). clm. | US-PGPUB; USPAT; UPAD | ADJ | ON | 2010/12/14 14:37 |
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12/ 14/ 2010 2:46:37 PM

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